

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 013614-4

09/970,616

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

Jerome Soupe, et al

(Use several sheets if necessary)

FILING DATE

GROUP

October 4, 2001

1761

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
KH	AA	6 2 6 5 0 0 0	7/2001	Shimamura, et al	426	16	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
						YES NO
	AL					
	A M					
	AN					
	AO					
	AP					

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form.

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SOUPE, Jerome et al.

FILING DATE

GROUP

10/04/01
09/970616
U.S. PTO

1761

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KH ↓	AA	5	4	8	7	9	8	9	01/1996	Fowker et al.	435	165	
	AB	3	7	1	6	3	6	5	02/1973	Walmsley et al.	99	51	
	AC	5	8	6	6	5	2	6	2/1999	Olsen et al.	510	392	
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
KH ↓	AL	2	7	5	7	0	4		01/1990	DD				X
	AM	0	4	4	9	3	7	6	10/1991	EP				
	AN	9	6	2	9	4	1	6	09/1996	WO				
	AO	3	2	0	7	6	7	6	10/1982	DE				X
	AP	2	2	2	7	9	7	6	01/1974	DE				X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

KH ↓	AR	Jensen L.G. et al. "Transgenic barley expressing a protein-engineered, thermostable (1,3-1,4)-beta-glucanase during germination" Proc. Natl. Acad. Sci. USA, vol. 93 (April 1996), pp. 3487-3491
	AS	Pet, J. et al. "Production of Active Bacillus Licheniformis Alpha-Amylase in Tobacco and Its Application in Starch Liquefaction" Biotechnology, vol. 10 (March 1992), pp. 292-296.
	AT	Herbers, K. et al. "A Thermostable Xylanase from Clostridium thermocellum Expressed at High Levels in the Apoplast of Transgenic Tobacco Has No Detrimental Effects and Is Easily Purified." Bio/Technology, vol. 13 (January 1995), pp.63-66.
EXAMINER	DATE CONSIDERED KH 9/02	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
KA	AL	0 2 2 7 1 5 9	07/1987	EP			
	AM	9 6 0 6 9 3 5	03/1996	WO			
	AN	9 0 0 9 4 3 6	08/1990	WO			
	AO	0 4 7 9 3 5 9	04/1992	EP			
	AP	9 7 4 2 3 0 1	11/1997	WO			

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

KA	AR	Vickers, J. E. et al. "Assessment of Bacillus licheniformis α -Amylase as a Candidate Enzyme for Genetic Engineering of Malting Barley" J. Inst. Brew., vol. 102 (March-April, 1996), pp. 75-78
	AS	Vickers, J.E. et al. "Thermostable Alpha-Amylase Cloned for Genetic Transformation of Barley" Aust. Soc. Biochem Mol. Biol., vol. 25 (1994), COL-5-4
	AT	McElroy, D. et al. "What's Brewing in Barley Biotechnology?" Bio/Technology, vol 13 (March 1995) pp. 245-249.
EXAMINER	DATE CONSIDERED	for

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>KH</i>	AL	1 4 4 2 4 0 2	07/1976	GB			
	AM						
	AN						
	AO						
	AP						

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	AT	
EXAMINER	DATE CONSIDERED	<i>Added 9/02</i>

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